

# OFFICE OF TECHNOLOGY POLICY

## APPENDIX B: FOREIGN R&D FACILITIES IN THE UNITED STATES, BY COUNTRY

<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
<b>Japanese Companies</b>		
Advantest	American R&D Center, Buffalo Grove, IL	Semiconductor testers, electronic instruments (1994)
Advantest	Santa Clara, CA	Semiconductor testers, hardware and software (1994)
Ajinomoto	Ajinomoto USA, Raleigh, NC	Biotechnology
Alpine	Alpine Electronics R&D, Detroit, MI	Parts for electric vehicles, auto navigation (1994)
Applied Telesis	Seattle, WA	Data communications equipment (1989)
ASCII	San Francisco, CA	Software and media (1990)
Asahi Optical	Pentax Technology, Broomfield, CO	Scanners, laser printers (1985)
Asahi Overseas	Phone-mate, Torrance, CA	Automatic telephone answering machines
BridgeStone	Bridgestone/Firestone, Akron, OH	Tires, rubber products
Canon	Canon Research Center, Palo Alto, CA	Personal imaging computer systems (1990)
Canon	Canon Information System, Orange County, CA	Software (1990)
Canon	Canon Information System, Palo Alto, CA	Research in computers (1990)
Casio	Casio Computer, San Jose, CA	Personal digital assistants
Chugai Pharmaceutical	Gen-Probe, San Diego, CA	Biotechnology
Dainippon Ink & Chemicals	Reichold Chemicals, Research Triangle Park, NC	Coating resins, adhesives, emulsive polymers, unsaturated polyesters (1990)
Dainippon Ink & Chemicals	Polychrome Corp., Fort Lee, NJ	Resins, specialty chemicals, coatings, printing inks
	Swift Adhesives Division, Downers Grove, IL	Adhesive research
Eisai	Andover, MA	Clinical drug testing (1989)
Eisai	Teaneck, NJ	Drugs (1988)
Eisai	Research Triangle Park, NC	Drugs (1995)
Epson	Advanced System Development, Epson Research Center, Santa Clara, CA	Personal computers, advanced software development, RISC-based computing (1987)
Epson	ESMOS R&D Center, San Jose, CA	Semiconductors
Epson	Imaging System Group, Sunnyvale, CA	Printers, imaging products (1987)
Fanuc	Berkeley, CA	Power sensors for intelligent robotic systems (1994)

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Fujisawa Pharmaceutical Fujisawa Fujisawa	PMP Fermentation Prods., Milwaukee, WI LyphoMed Division, Deerfield, IL Milwaukee, WI Deerfield, IL	Biotechnology Drugs, diagnostic aids, biotechnology PMP Fermentation Products Drugs
Fuji Xerox	Palo Alto, CA	Communications networks for workstations (1992)
Fujitsu Fujitsu Fujitsu Fujitsu Fujitsu Fujitsu Fujitsu Fujitsu Fujitsu Fujitsu	Intellistor Inc., Longmont, CO Fujitsu Systems, San Diego, CA Information Systems, San Jose, CA Open Systems Solutions, Emeryville, CA Fujitsu Microelectronics, San Jose, CA Fujitsu Microelectronics, Santa Clara, CA Fujitsu Network Systems, Raleigh, NC Business Comm. Systems, Anaheim, CA Telecom. Research Center, Richardson, TX Fujitsu Imaging Systems, Danbury, CT	Disk storage devices (1987) Software for POS, handheld computers, routing systems Engineering related software Unix software (1991) Memories, logic, ASIC, SPARC Microwave (MIC) and MMIC circuits Central office switching equipment (1987) PBX equipment Telecommunications equipment FAX machines
GC Corp.	Alsip, IL	Dental materials, polymers, resins, germicides
Green Cross	Alpha Therapeutic, Los Angeles, CA	Biotechnology
Hitachi Hitachi Hitachi	Waltham, MA Hitachi Microsystems, San Jose, CA Hitachi Software Engineering San Francisco, CA	Workstation and software development (1989) Software (1991) Software (1991)
Hitachi Hitachi Hitachi Hitachi Hitachi Hitachi	Hitachi Digital Graphics, Sunnyvale, CA Brisbane, CA Hitachi Telecomm, Norcross, GA Hitachi America, Princeton, NJ Farmington Hills, MI	CAD graphics, digitizers Semiconductors (1989) PBXs, fax (1987) HDTV (1991) Semiconductors for autos (1989)
Hitachi Chemical	University of California, Irvine, CA	Biotechnology (1990)
Hitachi-Koki/ Nissea-Sanyo	Dataproducts, Woodland Hills, CA	Computer printers, printer ink
Honda Honda Honda Honda	Honda R&D N. America, Torrance, CA Honda R&D N. America, Marysville, OH Honda Engineering, Marysville, OH Swepsonville, NC	Design and develop autos (1975) Prototype vehicles, quality suppliers (1985) Design body and drivetrain equipment (1988) Lawnmowers (1993)
Hosakawa Hosakawa	Micron Powder Systems, Summit, NJ Hosokawa Micron Corp., Augusta, GA	Particle size reduction, separation Industrial filter bags (1994)
Hoya Hoya Hoya Hoya Hoya	San Jose, CA Hoya Electronics, San Jose, CA Hoya Optics, Fremont, CA Continuum, Santa Clara, CA Probe Technology, Santa Clara, CA	Optoelectronics (1989) Optoelectronics (1986) Optical and laser glass (1973) Pulse laser beams (1991) Probe cards for semiconductor manuf.

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Ishihara Sangyo Kaisha	ISK Biotech, Mentor, OH Ricerca, Painesville, OH	Agricultural biotechnology Agricultural biotechnology
Isuzu Isuzu	Isuzu Technical Center, Cerritos, CA Isuzu Technical Center, Plymouth, MI	Vehicle design studio (1985) Components engineering, emissions test (1990)
C. Itoh	Integrated Separation Sys., Natick, MA	Biotechnology supplies
Iwasaki Electric	Energy Sciences, Wilmington, MA	Electron processings, electron beams
Japan Metals and Chemicals	JMC, USA, Research Triangle Park, NC	Materials (1992)
Juki	Union Special Corp., Huntley, IL	Industrial sewing machines
Justsystem	San Jose, CA	PC software (1995)
KAO	Cincinnati, OH	Cosmetics, toiletries, soap
Kawasaki Steel Kawasaki Steel Kawasaki Steel	Silicon Valley, CA Armco (50%), Middletown, OH LNP Engineering Plastics, Exton, PA	Semiconductors (1993) Carbon and alloy steels, stainless steel Glass and carbon fiber reinforced thermoplastics
Kirin Brewery	La Jolla Institute of Allergies and Immunology, San Diego, CA	Biotechnology (1989)
Kobe Steel	Applied Electronics Center, Stanford Research Park, Palo Alto, CA	Thin-film data recording media and substrate materials for hard disk drives (1990)
Kobe Steel	Electronic Materials Center, Research Triangle Park, NC	GAAS and diamond thin-film materials for semiconductors (1989)
Kobe Steel Kobe Steel	Midrex Direct Reduction, Charlotte, NC Glastic, Cleveland, OH	Steel-making using iron ore pellets Fiberglass reinforced materials
Konaimi	Buffalo Grove, IL	Software for video games (1995)
Konica	Konica Technology, Sunnyvale, CA	Data storage, printers, software (1987)
Kuraya	Institute for Biological R&D, Irvine, CA	Biotechnology (1989)
Kyocera Kyocera	San Diego, CA Advanced Ceramic Technology Center, Vancouver, WA	Ceramics (1990) Silicone nitride ceramics for auto engines and gas turbine parts (1992)
Kyocera	AVX Corp., Myrtle Beach, SC	Ceramics, thin films, capacitors
Kyowa Hakko Kogyo	BioKyowa, Cape Girardeau, MO St. Louis, MO	Biotechnology Nutri Quest, Inc. (1990)
Lintec	Madico Inc., Boston, MA	Adhesive, laminated plastic film (1992)
Matsushita Matsushita Matsushita Matsushita Matsushita	Panasonic Technology, Palo Alto, CA Information Technology Lab, Princeton, NJ Ind. Equipment Research Lab, Wood Dale, IL San Jose, CA Applied Research Lab, Burlington, NJ	Computer document processing systems Computer graphics, document process., software (1990) Software for POS (1987) Semiconductors and software (1991) Video broadcasting (1981)

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Matsushita	Comm. Systems Lab, Secaucus, NJ	Digital cable systems (1984)
Matsushita	KMERL-Panasonic Research Triangle Park, NC	Satellite communications (1991)
Matsushita	Advanced TV-Video Lab, Burlington, NJ	HDTV (1991)
Matsushita	Speech Technology Lab, Santa Barbara, CA	Speech recognition, info. processing (1981)
Matsushita	Avionics Development Corp., Irvine, CA	In-flight audio, video sys. for passengers (1990)
Mazda	Mazda R&D of N. America, Irvine, CA	Vehicle design (1972)
Mazda	Mazda R&D Center, Ann Arbor, MI	Emissions testing, engineering research (1988)
Mazda	Mazda R&D of N. America, Flat Rock, MI	Local parts sourcing, air conditioning (1988)
Mazda	Mazda R&D of N. America, Flat Rock, MI	Enhance localization of development (1992)
Mazda	Mazda R&D of N. America, Batavia, OH	Survey of production technology, support for Ford's automatic transmission production
Mitsubishi Corp.	Aristech Chemical, Pittsburgh, PA	Chemical and polymer products
Mitsubishi Electric	Mitsub. Elec. Res. Lab, Cambridge, MA	Super-parallel computers (1991)
Mitsubishi Electric	Durham, NC	Semiconductors (1984)
Mitsubishi Electric	Horizon Research, Waltham, MA	Data processing (1985)
Mitsubishi Electric	Consumer Electronics Engineering Center, Orange County, CA	Audio visual equipment, TV (1995)
Mitsubishi Kasei	Seradyn/Photovolt, Indianapolis, IN	Biotechnology
Mitsubishi Kasei	Verbatim, Charlotte, NC	Floppy disks, magnetic tapes for memory storage
Mitsubishi Materials	Siltec Corp., Menlo Park, CA Siltec Silicon, Salem, OR	Semiconductor wafers Silicon materials tech. and manufacturing
Mitsubishi Motors	Cypress, CA Southfield, MI	Design studio (1973) Emissions testing (1984)
Mitsui Toatsu	Anderson Development Co., Adrian, MI	Urethane elastomers, catalysts
MMS	Magnox, Pulaski, VA	Magnetic iron oxides
Murata	State College, PA	Electronics—ferroelectrics, dielectric measurement
Nakamichi	Mountain View, CA	Disk drives (1987)
NEC	NEC Technologies Systems Lab Boxborough, MA	Workstations, laptops
NEC	NEC Research Institute, Princeton, NJ	AI, parallel computing, machine learning (1990)
NEC	NEC Open Systems Lab, Princeton, NJ	Software development (1991)
NEC	NEC Electronics, Natick, MA	Semiconductor design (1987)
NEC	Systems Applications Engineering Mountain View, CA	VLSI, chip sets for multimedia (1986)
NEC	Advanced Switching Lab, Irving, TX	Central office switches (1989)
NEC	San Jose, CA	Network management software (1994)
NGK Insulators	Tempe, PA	Beryllium metal and alloys
Nikko Kyoda	Gould, Eastlake, OH	Electrolytic foil and electronic components

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Nikon	Nikon Precision, Belmont, CA	Optical wafer, flat panel display steppers (1992)
Nippon Columbia	Georgia Institute of Tech., Atlanta, GA	Multimedia R&D center (1992)
Nippondenso	Southfield, MI	Automotive electronics (1987)
Nippon Paint	Michigan	Paints (1994)
Nippon Sanso	Matheson Gas Prods, East Rutherford, NJ	Gas analysis, purification
Nippon Sanso	Isotec, Miamisburg, OH	Separation of stable isotopes
Nippon Seiko	NSK Technical Center, Ann Arbor, MI	Develop bearings for vehicles (1992)
Nissan	Nissan Design, San Diego, CA	Design studio (1979)
Nissan	Nissan R&D, Farmington Hills, MI	Engineering of parts, vehicle design (1991)
Nissan	Nissan R&D, Ann Arbor, MI	Emissions testing, engine research (1983)
Nissan	Nissan R&D, Los Angeles	Vehicle testing, market research (1988)
Nissan	Arizona Test Center, Stanfield, AZ	Testing grounds (1986)
Nissan	Japan Electronic Control Systems, MI	Automotive electrical components (1992)
Nissan	Cambridge, MA	Basic science: human sight, cognitive behavior, and physiology (1993)
Nissan Chemical	Purdue University, West Lafayette, IN	Agricultural chemical testing
Nisshin Steel	Wheeling-Pittsburgh Steel, Wheeling, WV	Basic and applied metallurgy
Nitto Boseki	International Immunology, Murrieta, CA	Biotechnology
Nitto Boseki	Midland Bioproducts, Boone, IA	Biotechnology
Nitto Denko	Graphic Technology, Ind. Airport, KS	Pressure sensitive bar labels
Nitto Denko	Permacel, New Brunswick, NJ	Pressure sensitive tapes, elec. insulation
NKK	National Steel, Pittsburgh, PA	Coated and uncoated steel products
NOF Corp.	U.S. Paint, St. Louis, MO	Industrial finishes, aerospace/marine coatings
NTT	Photonic Integration Res., Columbus, OH	Optoelectronics (1987)
Oki Electric	Advanced Technology Center, San Jose, CA	Laser printers, fax (1990)
Oki	Oki Semiconductor, Sunnyvale, CA	Semiconductors (1989)
Oki	Oki Telecomm, Suwanee, GA	Telecommunications (1989)
Olympus Optical	Torrance, CA	Optical and electronics products
Olympus Optical	Stanbio Laboratory, San Antonio, TX	Clinical test procedures
Omron	Information Technology Center, San Jose, CA	Personal computer software (1995)
Otsuka	Maryland Research Institute, Rockville, MD	Biotechnology (1986)
Pharmaceutical	Biomembrance Institute, Seattle, WA	Biotechnology (1987)
Oyo	Geophysical Survey Systems, N. Salem, NH	Fast pulse radar for geological strata profiling
Oyo	Klein Associates, Salem, NH	High resolution search and survey scan sonar
Ricoh	Ricoh Software Research, Santa Clara, CA	Software (1988)
Ricoh	Ricoh Calif. Res. Center, Menlo Park, CA	ASICs, CMOS (1989)

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Ricoh	San Jose, CA	Facsimile equipment (1979)
Rohm	Rohm Research Corp., Boulder, CO	Printer heads (1990)
Rohm	Rohm Research Corp., San Jose, CA	Semiconductors (1990)
Seiko Instruments	San Jose, CA	Computer graphics (1989)
Settsu	Uarco, Barrington, IL	Business forms, printing
Sharp	Camas, WA	Semiconductors (1988)
Sharp	Camas, WA	Multimedia (1995)
Sharp	Hycom Inc., Irvine, CA	Flat panel displays (1989)
Shiseido	Cutaneous Biology Research Center	Biotechnology (1989)
Shiseido	Shiseido America Technocenter, Darien, CT	Biotechnology (1989)
Shiseido	Zotos, Darien, CT	Hair science, hair coloring, shampoos, permanents
SOC Corp.	San-O-Industrial, Holbrook, NY	Fuses for the telecommunications industry
Sony	Semiconductor and Systems Laboratory, San Jose, CA	Future CAD investigating technologies
Sony	Advanced Computer Architecture Lab, Monterey, CA	New OS system using MO as primary storage, Unix software (1992)
Sony	Data Storage Lab, Boulder, CO	Disk drive controller and storage sub-systems, erasable optical disks (1989)
Sony	Recording Media Laboratory, Boulder, CO	Recording media, customer support, technology infusion to Japan (1990)
Sony	Telecommunications Research Lab, Montvale, NJ	Digital cellular technology and PCS
Sony	Advanced Television Research Laboratory Montvale, NJ	Digital image compression for HDTV
Sony	Television of America Engineering San Diego, CA	Electrical parts engineering, local mechanical engineering power and electrical design
Sony	Display Systems Engineering, San Diego, CA	Next generation display systems, controllers
Sony	Sony Microsystems, San Jose, CA	Unix system software, computers (1990)
Sony	Magnetic Products of America E&D Dothan, AL	Strategic materials, surface treatment agents for ME tape
Sony	Factory Automation Division, Orangeburg, NY	Image processing, intelligent CAD/CAM/CAE, thin film and vacuum technology, prec. control
Sony	AP6 Sony Professional Products Company Engineering, Boca Raton, FL	Professional audio console and tape equipment
Sony	Sony Transcom, Irvine, CA	In-flight audio and video systems
Sony	Materials Research Corp., Orangeburg, NY	Semiconductor materials and equipment
Subaru	Subaru Technical Center, Garden Grove, CA	Develop and test vehicles (1983)
Subaru	Irvine, CA	Design, styling (1990)
Sumitomo	Sumitomo Electric, Santa Clara, CA	Software development (1985)
Sumitomo	Research Triangle Park, NC	Fiber optics (1983)
Sumitomo Chemical	Valent USA, Walnut Creek, CA	Agricultural chemicals (1994)



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Sumitomo Heavy Industries Sumitomo	Lumonics, Livonia, MI Laserdyne, Eden Prairie, MN Vista Mercado, CA	Lasers for materials processing Motion & delivery systems for lasers Laser systems for prod. identification
Sumitomo Rubber	Dunlop Tire Co., Grand Island, NY	Tire products
Tanabe Seiyaku	Tanabe Research Labs USA, San Diego, CA	Biotechnology, immune systems, allergies (1994)
TDK	Components Engineering, Torrance, CA	Applied consumer/industrial electronics research
Terumo	Elkton, MD	Blood collection devices, cardiovascular, IVs
Three Bond	Westchester, OH	Adhesives and sealants (1992)
Tokai	Scripto Tokai, Fontana, CA	Mechanical pencils, ball pens, china marking pencils
Toko	Signal Processing Technologies, Colorado Springs, CO	Semiconductor design center (1992)
Tokuyama Soda	National Beryllia, Haskell, NJ	Ceramics and ceramic packages
Toppan Printing	Los Angeles, CA	Software, image processing (1995)
Toray	Composites Horizons, Covina, CA	Advanced composite materials
Toshiba	Toshiba Am. Info. Systems, San Jose, CA	Laptop, personal computers
Toshiba	Toshiba Elec. Components, Sunnyvale, CA	Semiconductors (1984)
Toshiba	Toshiba Am Info. Systems, Irvine, CA	PBX, cellular systems, fax (1985)
Toshiba	Advanced TV Tech. Center, Wayne, NJ	HDTV receivers (1990)
Toshiba	Toshiba Am Medical (MRI), San Francisco, CA	CAT scanners, medical elec. equip.
Toyoda Gosei	TG Technical Center, Madison Heights, MI	Design & develop plastic & rubber parts (1991)
Toyota	Technical Center, Torrance, CA	Test prototype vehicles (1977)
Toyota	Technical Center, Ann Arbor, MI	Evaluate new parts, emissions tests (1978)
Toyota	Technical Center, Phoenix, AZ	Testing ground (1977)
Toyota	Calty Design Research, Newport Beach, CA	Design studio (1973)
Toyota	San Francisco, CA	Support for NUMMI
Toyota	Southfield, MI	Testing, emissions testing
Ube Industries	Technical Center, Detroit, MI	Plastics molding equipment (1992)
Ulvac	Fremont, CA	Semiconductor equipment applications lab (1990)
Yamanouchi	Shaklee Corp., San Francisco, CA	Cosmetics, toiletries, nutritional supplements/foods
Yamazaki Mazak	Florence, KY	Special-purpose machine tools (1992)
Zexel	Farmington Hills, MI	Components and related parts
Zuken	Santa Clara, CA	Computer-aided design (1991)
Zuken	San Jose, CA	Computer-aided design (1993)

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<b>European Companies</b>		
<b><i>Austria</i></b>		
Andritz	Muncy, PA	Paper & pulp making machinery
<b><i>Belgium</i></b>		
Solvay Solvay	Solvay Animal Health, Saint Paul, MN Marietta, GA	Animal biotechnology, vaccines, chemotherapy Pharmaceutical science
<b><i>Denmark</i></b>		
Dake	Dako, Carpinteria, CA	Biotechnology
Denesco	Brown Engineering, Columbia, MD	Suspended particle process operations
Novo-Nordisk	Entotech, Davis, CA ZymoGenetics, Seattle, WA	Biotechnology (1990) Biotechnology: diabetes, thrombosis, bleeding
<b><i>Finland</i></b>		
Amer Group	Wilson Sporting Goods, Chicago, IL	Golf, tennis, football, baseball, athletic goods
Cultor/E. Kodak	Genecor Int., South San Francisco, CA	Genetic and protein engineering
Outokumpu	OMG, Cleveland, OH	Paints, varnish, printing inks, plastics
Rauma-Repola	Neles-Jamesbury, Worcester, MA	Fluid controls, ball valves, butterfly valves
Tamroc	Eimco Coal Machinery, Bluefield, WV	Underground mining equipment
<b><i>France</i></b>		
Alcatel Alcatel	Network Systems, Richardson, TX Network Systems, Raleigh, NC	Lightwave transmission equipment Digital loop carriers
Carnaudmetalbox	Anchor Hocking Packing, Lancaster, OH	Packaging, sealing machinery
Cegelec	Linden, NJ	Chemical process analyzers
Elf Aquitaine Elf Aquitaine	Technical Center, King of Prussia, PA Buffalo, NY	Chemical products Organic peroxides, foaming agents
Framatone	Burndy Corp., Norwalk, CT	Mechanical properties of metals
Group Schneider Group Schneider Group Schneider	EPE Technologies: Square D, Costa Mesa, CA Crisp Automation: Square D, Dublin, OH Industrial Controls: Square D, Raleigh, NC	Computer power protection, electrical distrib. Chemical process automation, instruments, controls Electrical control devices and accessories
LaFarge Coppee	Systech Corp., Xenia, OH	Liquid and solid waste resource recovery
L'Air Liquide	Big Three Industries, Houston, TX	High temperature materials
Lipha	Lipha Tech, Milwaukee, WI	Biotechnology



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Michelin	Michelin Americas R&D, Greenville, SC	Synthetic rubber
Pechiney	Howmet Corp., Greenwich, CT	Metallurgy
Pechiney	Technical Center, Whitehall, MI	Superalloy melting and casting
Pechiney	Carbone Lorraine, Parsippany, NJ	Carbons, graphites and resins, teflon
Renault	Mack Trucks, Winnsboro, SC	Heavy duty diesel trucks, transmissions, parts
Rhone Merieux	Athens, GA	Biotechnology
Rhone Merieux	Select Laboratories, Gainesville, GA	Biotechnology
Rhone-Poulenc	CelPril Industries, Manteca, CA	Biotechnology
Rhone-Poulenc	Research Triangle Park, NC	Biotechnology-agricultural chemicals (1986)
Rhone-Poulenc	Central Research, Fort Washington, PA	Biotechnology
Rhone-Poulenc	Pharmaceutical, Fort Washington, PA	Biotechnology
Rhone-Poulenc	Princeton, NJ	Herbicides, fungicides, animal health products
Rhone-Poulenc	Louisville, KY	Water-soluble polymers
Rhone-Poulenc	Gastonia, NC	Polymeric systems for paper, textiles
Rhone-Poulenc	Cranbury, NJ	Specialty chemicals
St. Gobain	Norton Co., Worcester, MA	Abrasives, superabrasives
St. Gobain	Norton, Troy, NY	Coated abrasives
St. Gobain	Norton, Wayne, NJ	Thermoplastic products
St. Gobain	Akron, OH	Ceramics, catalysts
St. Gobain	Cohart Refractories, Louisville, KY	Advanced ceramics, refractories for ceramics
St. Gobain	Norton, Salt Lake City, UT	Diamond drilling bits for oilfield, mining, etc.
St. Gobain	Bicron Corp., Newbury, OH	Contamination, scrap monitoring
Sanofi	Genetic Systems, Redmond, WA	Biotechnology
Sanofi	Sanofi Animal Health, Overland Park, KS	Biotechnology
Sanofi	Sanofi Bio Ingredients, Waukesha, WI	Biotechnology
Sanofi	Sanofi Diagnostics, Chaska, MN	Biotechnology
Schlumberger	Austin Systems Center, Austin, TX	Software and systems engineering
Schlumberger	CAD-CAM, Ann Arbor, MI	Computer aided design and software
Schlumberger	ATE Division, San Jose, CA	Microelectronics, computer science and systems
Schlumberger	EMR Photoelectric, Princeton, NJ	Photomultiplier tubes, gamma ray detectors
Schlumberger	Ind. Electricity Div., Norcross, GA	Central meter reading systems
Schlumberger	Measurement Div., West Union, SC	Liquid flow meters, flow computers
Schlumberger	Doll Research Center, Ridgefield, CT	Oil field well prod. and logging, sonics
Schlumberger	Dowell, Tulsa, OK	Enhance oil well stimulation
Thomson	Indianapolis, IN	TV Receivers; integrated circuit design;
Thomson	Comark Communications, Southwick, MA	CAD/CAM, VCR, camcorder; electronic materials
Total	Cook Composites, Port Washington, WI	HDTV receivers (1990)
Uqine Acg	J&L Specialty Prods., Pittsburgh, PA	Synthetic resins for reinforced plastics
Valeo	Valeo Engine Cooling, Jamestown, NY	Stainless steel products
		Welding, brazing, and metal forming

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<b>Germany</b>		
AEG	Modular Computer Systems, Fort Lauderdale, FL	Computers, computer systems, and services
AEG	Siliconix, Santa Clara, CA	Semiconductor manufacturing
Balcke-Durr	Zurn Balcke-Durr, Tampa, FL	Environmental controls
BASF	BASF Bioresearch Corp., Cambridge, MA	Biotechnology (1989)
BASF	BACHEM Bioscience, Philadelphia, PA	Biotechnology
BASF	Research Triangle Park, NC	Biotechnology-plants (1986)
BASF	Bedford, MA	Recording media
BASF	Parsippany, NJ	Drugs
BASF	Southfield, MI	Automotive coatings
BASF	Freeport, TX	Industrial chemicals, plastics
BASF	Enka, NC	Wet-spun fibers
BASF	R&D Library, Wyandotte, MI	Biochemistry for agricultural chemicals
BASF	Clifton, NJ	Polymer science, surface science
BASF	Milford, OH	Polymer science, chemical coatings
BASF	Holland, MI	Publication inks, graphic arts
Bayer	Miles Pharmaceutical Div., West Haven, CT	Biotechnology, clinical drug trials (1992)
Bayer	Miles Diagnostic Div., Mishawaka, IN	Biotechnology
Bayer	Miles, Orangeburg, NY	Medical diagnostic imaging and scanning
Bayer	Miles/Haarman & Reimer, Elkhart, IN	Biotechnology, enzymes, drugs
Bayer	Miles, Tarrytown, NY	Automated diagnostic instruments
Bayer	Miles, Kankakee, IL	Isolation of blood proteins
Bayer	Miles, Shawnee Mission, KS	Animal health medicines
Bayer	Miles, Spokane, WA	Allergy productions, immunology
Bayer	Miles, Pittsburgh, PA	Polyurethanes, thermoplastic, industrial chemicals
Bayer	Haarman & Reimer, Springfield, NJ	Colorants, fragrances, flavors, food preservatives
Bayer	H.C. Stark, Newton, MA	Tantalum and niobium
Bayer	Polysar Rubber, Akron, OH	Process chemistry, process engineering
Bayer	Agfa, Wilmington, MA	Computerized typographic, offset printing equipment
Benckiser	Coty, Parsippany, NJ	Fragrances, cosmetics
Biotest	Biotest Diagnostics, Danville, NJ	Biotechnology
BMW	California	Auto design studio (1991)
Boehringer Ingelheim	Boehringer Ingelheim, Animal Health St. Joseph, MO	Biotechnology
Boehringer Mannheim	Biochemical Div., Indianapolis, IN	Biotechnology
Bosch, Robert	Technical Center, Farmington Hills, MI	Auto parts (1983)
Continental	General Tire, Akron, OH	Tire development
Degussa	Leybold Vacuum Products, Export, PA	Vacuum pumping systems
Dieder-Werke	State College, PA	Refractories for steel, iron, glass

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E. Merck	Rona Inc., Hawthorne, NY	Pearlescent pigments
E. Merck	EM Scinece, Gibbstown, NJ	Blood testing kits
Hartman & Braun	Applied Automation, Bartlesville, OK	Process control instruments
Henkel	Cognis, Santa Rosa, CA	Microbial technology, metal ion extraction
Henkel	Emery Group, Cincinnati, OH	Fatty acids, ozonization, polymerization
Henkel	Ambler, PA	Metal treating chemicals
Henkel	Parker & Amchem, Madison Heights, MI	Metal treating chemicals
Heraeus	Phoenix, AZ	Solar devices
Hertel	Kenilworth, NJ	Cemented tungsten and titanium carbide
Hoechst	Mitchell Technical Center, Summit, NJ	Basic research, chemicals
Hoechst	Hoechst-Celanese, Dreyfuss Research Park Charlotte, NC	Biotechnology, synthetic fibers, film
Hoechst	Hoechst-Roussel Pharm., Somerville, NJ	Endocrinology, antibiotics, cardiovascular
Hoechst	Animal Health Products, Somerville, NJ	Animal health products and drugs
Hoechst	Corporate Research, Coventry, RI	Dyes, organic pigments, agricultural chemicals
Hoechst	Somerville, NJ	Printing products, graphic arts
Hoechst	Technical Center, Corpus Christi, TX	New chemical processes
Hoechst	Portsmouth, VA	Sodium hydrosulfite, alkyl amines
Hoechst	Chatham, NJ	Dyes, pigments, specialty chemicals
Hoechst	Marion Merrell Dow, Kansas City, MO	Toxicology, pharmacology, clinical testing
Huls	Piscataway, NJ	Synthetic lubricants, biochemicals, coatings
Huls	Bristol, PA	Industrial organic chemicals
Mercedes	Irvine, CA	Automotive design studio (1990)
OSRAM	OSRAM-Sylvania, Danvers, MA	Lighting R&D
Rotring	Koh-I-Noor Rapidograph, Bloomsbury, NJ	Engineering supplies, art materials
Rutgerswerke	State College, PA	Process development for chemical industries
Schering	Berlex Biosciences, San Francisco, CA	Biotechnology drugs for cancer, viruses
Schering	Berlex Laboratories, Alameda, CA	Biotechnology: protein-based therapeutics
Siemens	Nixdorf Computer Engineering Burlington, MA	Computers, networking, imaging, data storage
Siemens	Siemens Nixdorf R&D, Cambridge, MA	Computer hardware, software
Siemens	Siemens Corporate Research, Princeton, NJ	High speed electronic and photonic devices, and special ICs for advanced computers; CAD; AI
Siemens	Siemens Components, Iselin, NJ	Power MOS-FET wafers, optical sensors, ICs
Siemens	Integrated Circuit Division, Cupertino, CA	High speed, sub-micron gallium arsenide, silicon components
Siemens	Siemens Medical Laboratories, Concord, CA	Medical electronics, radiation therapy equip.(1989)
Siemens	Siemens Ultrasound, San Ramon, CA	Magnetic resonance imaging systems, scanners (1989)
Siemens	Rolm Division, Boca Raton, FL	Private telecommunications networks
Siemens	Rolm Division, Santa Clara, CA	PBX, voice mail, digital telephones
Siemens	Siemens Automotive, Newport News, VA	Fuel injection systems, anti-lock brakes

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<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
Siemens	Industrial Automation, Madison Heights, MI	Control systems for auto manufacturing processes
Siemens	Central Technology, Auburn Hills, MI	Automotive electronic systems, custom IC chips
Siemens	Databit, Hauppauge, NY	Packet switched data network equipment and software.
Siemens	Crystal Technology, Palo Alto, CA	Lithium niobate optical crystals.
Siemens	Optoelectronics Division, Cupertino, CA	Optocouplers, infrared emitters.
Siemens	Siecor, Hickory, NC	Fiber optics
Siemens	Hell Graphics, Port Washington, NY	Graphics
Siemens	International Computer Science Institute Berkeley, CA	Computers (1990)
Siemens	Rofin-Sinar, Plymouth, MI	Laser application and development center
Siemens	Siemens Stromberg-Carlson, Boca Raton, FL	Software packages for PBX, central office switching
Siemens	Siemens Stromberg-Carlson, Lake Mary, FL	Telecommunications equipment
Siemens	Siemens Medical Systems, Iselin, NJ	Medical equipment development
Siemens	Siemens Gammasonics, Hoffman Estates, IL	Nuclear medical imaging, x-ray imaging
Siemens	Solar Industries, Camarillo, CA	Photovoltaic devices and systems
SIGRI	Great Lakes Carbon, Niagara Falls, NY	Carbon and graphite electric furnace electrodes
SIGRI	Great Lakes Research, Elizabethton, TN	Petroleum coke, graphite electrodes and products
Software AG	Reston, VA	Database management systems, software
Thyssen	Budd Co., Farmington Hills, MI	Wheel and brake design
Thyssen	Plastic R&D Center, Troy, MI	Structural composites
Thyssen	Budd Co., Auburn Hills, MI	Rail and highway vehicle design
Volkswagen	Simi Valley, CA	Design center (1990)
<i>Ireland</i>		
Kerry Group	Kerry Ingredients, Beloit, WI	Flavoring and seasoning
<i>Italy</i>		
Ferruzzi	Central Soya Feed Research, Decatur, IN	Nutrition research on livestock and poultry
Ferruzzi	Wayne, IN	Soy proteins, food research
FIAT	Incstar Corp., Stillwater, MN	Biotechnology
Montecatini	SP Systems, Los Angeles, CA	Composites
Montedison	Adria Laboratories, Columbus, OH	Biotechnology
Montedison	Himont, Wilmington, DE	Polymerization, plastics, fibers
Olivetti	Blacksburg, VA	Teller terminals, PCs, bank ATMs
SKF	CR Industries, Elgin, IL	Oil seals and rubber technology

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<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
<b><i>Netherlands</i></b>		
Akzo Pharmaceutical	Organon Teknik, Durham, NC Organon Teknika Biotechnology Research Institute, Rockville, MD	Biotechnology, molecular antibodies Biotechnology
Akzo	Organon Inc., West Orange, NJ	Drugs
Akzo	Intervet, Millsboro, DE	Animal vaccines
Akzo	Research Laboratory, Dobbs Ferry, NY	Chemicals, plastics
Akzo	Akzo Coatings, Troy, MI	Automotive paints, adhesives
Affymax Technologies	Affymax Research Institute, Palo Alto, CA	Biotechnology (1989)
DSM	Polymer Corp., Reading, PA	Polyamides, polyacetals, polyethelene
Gist-Brocades	International Bio-Synthetics, Charlotte, NC	Biotechnology
Memorex Telex	Tulsa, OK	Computer peripheral equipment
Naamaloze Vennootschap	Copolymer, Baton Rouge, LA	Solution and emulsion polymerization
OCE	Sunnyvale, CA	Computer graphics plotter output printers
Philips	Philips Laboratories, Briarcliff, NY	Integrated circuits, computers, software, HDTV, electronic materials.
Philips	Philips Components, Slatersville, RI	Discrete semiconductors
Philips	Consumer Electronics, Knoxville, TN	Design and development of household video receivers
Philips	Philips Ultrasound, Santa Anna, CA	Diagnostic ultrasound
Philips	Electronic Instruments/EDAX, Mahwah, NJ	X-ray instrumentation, spectrometry
Philips	Philips Technologies, Cheshire, CT	Timing devices, indicators
Philips	Airpax Protector Group, Frederick, MD	Interruptors, disc thermostats
Royal Dutch Shell	Shell Oil, Bellaire Research Center Houston, TX	Exploration and production of petroleum and gas
Royal Dutch Shell	Shell Oil, Westhollow Research Center Houston, TX	Fuels and lubricants, refining processes, chemicals
Unilever	Lipton Co., Englewood Cliffs, NJ	Tea, soup mixes, beverage mixes, salad dressing
Unilever	Unilever Research U.S., Edgewater, NJ	Household and personal consumer products
Unilever	Chesebrough-Pond, Greenwich, CT	Personal care products
Unilever	Van Den Bergh Foods, Lisle, IL	Edible fats, seasonings, dairy and baking products
Wolters Kluwer	Aspen Systems, Silver Spring, MD	Management consulting to government and industry
<b><i>Norway</i></b>		
Borregaard	Ligno Tech, Rothschild, WI	Chemicals from lignin and raw cellulose
Dyno	Dyno Nobel, Salt Lake City, UT	Industrial explosives

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<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
<b><i>Spain</i></b>		
Pesa	Manchester, NH	Broadcasting equipment and antennas
<b><i>Sweden</i></b>		
Atalas Copco	Rotoflow Corp., Gardena, CA	Large power recovery turbines for geothermal systems
Electrolux	White Consolidated Inds., Mattoon, IL	Road equipment and asphalt pavers
Electrolux	Richards-Wilcox, Aurora, IL	Industrial elec. doors, conveyors, ind. carousels
Electrolux	Regina Co., Atlanta, GA	Vacuum cleaners, floor polishing machines
Ericsson	Richardson, TX	Central office switching equipment
Ericsson	Ericsson GE Mobile Research Triangle Park, NC	Digital cellular equipment (1990)
Fermenta	Kansas City, MO	Feed additives, parasiticides
Fermenta	Fort Collins, CO	Drugs for animal health
Gambro	Cobe Laboratories, Lakewood, CO	Medical equipment
Incentive	Hagglunds Denison, Marysville, OH	Oil hydraulic components
Kanthal	Bethel, CT	High temperature tubing, thermo-coupling alloys
Karishamns	Columbus, OH	Fats, oils, fatty derivatives
Pharmacia	Pharmacia P-L Biochemicals, Milwaukee, WI	Biotechnology
Pharmacia	Upjohn Laboratories, Kalamazoo, MI	Immunology, virology, biotechnology, drugs.
Pharos AB	Spectro Physics Lasers, Mountain View, CA	Lasers: gas, helium ion, ring dye, ion
Procordia	Kabi, Clayton, NC	Biotechnology
Procordia	Pharmacia Biotech, Piscataway, NJ	Biotechnology
Spectra Physics	Dayton, OH	Laser-based alignment systems for construction
Spectra Physics	Agema Infrared Systems, Secaucus, NJ	Temperature measurement systems, control systems
Seco Tools	Carbology, Detroit, MI	Sintering, bonding, carbides, tools
Volvo	Monitoring and Concept Center Camarillo, CA	Design studio (1986)
Volvo	Volvo GM Heavy Trucks, Greensboro, SC	Trucks, materials handling, emissions, noise, safety
<b><i>Switzerland</i></b>		
ABB	Windsor, CT	Combustion technology, nuclear reactor design
ABB	Columbus, OH	Measurement systems, control systems
ABB	Detroit, MI	Paint application technology
ABB	Research Triangle Park, NC	Technology transfer
Alluisse-	Lonza, Annandale, NJ	Hydantoin, amide, ester carbohydrate
Lonza	Lonza, Williamsport, PA	Fat and hydantoin chemicals, fatty acids
Ares-Serono	Serono Laboratories, Norwell, MA	Biotechnology, mammalian cell culture



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<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
Ascon/MIT	Ascon Timeplex, Woodcliff Lake, NJ	Data communications, multiplexing
Ciba-Geigy	Agricultural Biotechnology Development Division, Research Triangle Park, NC	Biotechnology (1984)
Ciba-Geigy	Agricultural Division, Greensboro, NC	Biotechnology
Ciba-Geigy	Ciba-Corning Diagnostic, Medfield, MA	Biotechnology
Ciba-Geigy	Ciba-Corning, Oberlin, OH	Spectral scanning, chromatography
Ciba-Geigy	Summit, NJ	Pharmaceuticals division
Ciba-Geigy	McIntosh, AL	Plant development laboratory
Ciba-Geigy	Polymers Division, Hawthorne, NY	Resins, plastics, epoxy
Ciba-Geigy	Anaheim, CA	Advanced composites
Ciba-Geigy	Lansing, MI	Adhesives, sealants
Contraves	Pittsburgh, PA	Range tracking, inertial guidance systems
Forbo	Hazleton, PA	Surface coatings
Fuchs	Metal Lubricants, Harvey, IL	Industrial lubrication oils, rust inhibitors
Hartmetall	Metal Carbides, Youngstown, OH	Refractory metals of tungsten, titanium, cobalt, etc.
Hoffman-LaRoche	Roche Institute for Molecular Biology Nutley, NJ	Biotechnology (1991)
Hoffman-LaRoche	Hoffman-LaRoche, Nutley, NJ	Drugs
Hoffman-LaRoche	Roche Biomedical Labs, Burlington, NC	Biotechnology
Hoffman-LaRoche	Roche Diagnostics Systems, Montclair, NJ	Biotechnology
Hoffman-LaRoche	Genentech, South San Francisco, CA	Biotechnology drugs (1990)
Hoffman-LaRoche	Bio-Medical Lab, Norwich, CT	Multiphasic drug testing, HPLC
Hoffman-LaRoche	Roche Biomedical Labs, Raritan, NJ	Drugs
Hoffman-LaRoche	Givaudan-Roure, Clifton, NJ	Fragrances, flavors, cosmetics
Landis & Gyr	Lafayette, IN	Instruments for measuring electricity
Landis & Gyr	Buffalo Grove, IL	Building control systems, software
Nestle	Alcon Laboratories, Fort Worth, TX	Ophthalmology
Nestle	Alcon Surgical, Irvine, CA	Surgical instruments
Nestle	Glendale, CA	Dietary foods (dairy, meat), food processing
Nestle	Stouffer, Solon, OH	Frozen prepared foods
Nestle	Westreco, New Milford, CT	Coffee, tea, confections, dairy products
Sandoz	Agro Research, Palo Alto, CA	Biotechnology (1972)
Sandoz	Sandoz Pharmaceuticals, East Hanover, NJ	Biotechnology, drugs
Sandoz	Gerber Products, Fremont, MI	Food science, nutrition, biochemistry
Sandoz	Research Institute-Dorsey Labs, Lincoln, NE	Drugs
Sandoz	Rogers NK Seed, Boise, ID	Genetics and plant breeding
Sandoz	Hilleberg Mono-Hy, Nyssa, OR	Seed production of sugar beets
Sandoz	Mallard Creek Res. Center, Charlotte, NC	Specialty chemicals, surfactants, dyes
Sandoz	Sandoz Nutrition, Minneapolis, MN	New food products, processes, snacks
SGS	U.S. Testing Co., Hoboken, NJ	Biology, chemistry, quality control, materials
Sika Finanz	Lyndhurst, NJ	Epoxy resins, specialty cement, urethane polymer
Sulzer Bros.	Intermedics, Angleton, TX	Implanting medical products, pacemakers

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<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
<b>United Kingdom</b>		
Amersham Int'l	Arlington Heights, IL	Biotechnology
BBA	RM Engineered Prods., North Charleston, SC	Exotic coatings, elastomeric composites
Bowater	Rexham, Charlotte, NC	Coated, uncoated paper, paper board, packaging
British-American Tobacco	Brown & Williamson, Louisville, KY	Tobacco and tobacco technology
British Petroleum	BP Research, Cleveland, OH	Biotechnology, environmental science
BP	BP Chemicals, Gardena, CA	Graphite fibers, epoxy, composites
BP	Purina Mills, St. Louis, MO	Commercial animal, fish, pet feeds; nutrition
BTP	Windham, NH	Specialty monomers and polymers
BTR	Bohemia, NY	Aerospace avionics
BTR	Stewart Warner, Indianapolis, IN	Pneumatic and hydraulic equipment
BTR	Stewart Warner, Pittsburgh, PA	Measurement and flow controls
BTR	Stewart Warner, Springfield, IL	Hour meters, pressure and vacuum switches
Burroughs Wellcome	Research Triangle Park, NC	Drugs, biotechnology
Coats ViYella	Charlotte, NC	Sewing thread, crochet, zippers
Cookson	Vesuvius, Pittsburgh, PA	Refractories for ferrous molten metals
Courtaulds	Burbank, CA	Caulking, sealing for aerospace vehicles
Cray	Annapolis Junction, MD	Data communications
Dobson Park	IRD Mechanalysis, Columbus, OH	Control of vibration and noise
Dobson Park	Revere Aerospace, Wallingford, CT	Sensors: pressure, temperature, speed, proximity
Dobson Park	Revere Transducers, Artesia, CA	Resistance strain gauges, force pressure calibration
Fairey	Lasermike, Dayton, OH	Electro-optical and laser gauges
Ferranti	Chicago, IL	Electron beam, lasers
Ferranti	Lancaster, PA	High frequency communications
Fisons	J&W Scientific, Folsom, CA	Organic and analytical chemistry
Fisons	Kevex Instruments, Valencia, CA	X-ray spectrometry and materials analysis
GE Ltd.	A.B. Dick, Chicago, IL	Copiers, lithographic offset, micrographics
GE Ltd.	Itech Graphics, Waltham, MA	Photocopying, microfilm equipment
GEC PLC	Lear Astronics, Santa Monica, CA	Automatic flight controls, avionics
GEC-Marconi	W.W. Gaertner Research, Norwalk, CT	Real time graphics, systems design
Geotech	Ford New Holland, New Holland, PA	Agricultural and light industrial machines
Glaxo	Sir Paul Girolami Research Center Research Triangle Park, NC	Biotechnology (1991)
Glaxo	Sterling Drug Research, Rensselaer, NY	Medicinals and drugs (1994 acquisition)

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<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
Grand Metropolitan	Pillsbury Agricultural Research, Le Sueur, MN	Plant biotechnology
Grand Metropolitan	Heublein, Hartford, CT	Spirits, wine and beverages
	Pillsbury Tech. Center, Minneapolis, MN	Consumer and institutional food products
Hanson Trust	SCM-Glidco Organics, Jacksonville, FL	Terpene chemistry, fragrances, flavors
Hanson Trust	Iselin, NJ	Meat packing, fabric, vending, food service
ICI Paints	Glidden Co., Strongsville, OH	Paints, coatings, polymers
IMI	Norgren, Littleton, CO	Regulating, controlling compressed air
Imperial Chem.	Chemical Engineering Lab, New Castle, DE	Specialty organic chemicals
Imperial Chem.	Tamaqua Tech. Center, Tamaqua, PA	High explosives, blasting initiators
Imperial Chem.	Hopewell, VA	Polyester films and polymers
Inchcape	Inchcape Testing, Cortland, NY	Testing of engineering materials, parts
Inchcape	Inchcape Testing, Norcross, GA	Testing of engineering materials, parts
Inchcape	Doty Labs, North Kansas City, MO	Quality control--grain storage, milling
Inchcape	Better Frabric Testing, New York, NY	Textile testing
J. Bibby	Melles Girot, Irvine, CA	Optical sciences, optical thin films
Kratos	Kratos Analytical, Ramsey, NJ	Surface analysis, mass spectrometry
Life Sciences	Savant Instruments, Farmingdale, NY	Biotechnology, biomedical R&D
Logical PLC	Logica, Waltham, MA	Software for banking, insurance, telecomm.
Lucas	Lucas Aerospace, Hopkinton, MA	Microwave components
Lucas	Lucas AUL, Garden City, NY	Electronic instruments
Lucas	Lucas Weinschel, Gaithersburg, MD	Instruments, measurement systems
Lutton	Alpha Chemical, Pineville, NC	Polymers, plastics
Medeva	Armstrong Pharmaceuticals, Norwood, MA	Drugs
Morgan Crucible	Laser Diode, New Brunswick, NJ	Semiconductor lasers, laser systems
PA Holdings	PA Consulting, Hightstown, NJ	R&D of products processes
Pearson	Reed Tool, Houston, TX	Metals used in drilling operations
Pilkington	Pilkington Aerospace, Garden Grove, CA	Thermoplastics, optical thin films
Pilkington	Pilkington Visioncare, Menlo Park, CA	Ophthalmology and optometry
Plersey	Sippican, Marion, MA	Oceanographic instruments
Proton Intn'l	JRH Biosciences, Lenexa, KS	Biotechnology
Racal	Racal-Guardata, Herndon, VA	Computer security, encryption
Racal	Racal InterLan, Boxborough, MA	High speed ethernet, wireless
Racal	Racal-Redac, Mahwah, NJ	Electronic design automation, systems simulation
Racal	Racal-Datcom, Sunrise, FL	Electronic data communications
Racal	Racal Communications, Rockville, MD	Military radio communications

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<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
Racal	Racal-Dana Instruments, Irvine, CA	Time and frequency analysis
Reckitt & Colman	Wayne, NJ	Odor control, cleaners, air fresheners, waxes
Rio Tinto-Zinc	U.S. Borax, Tech. Dept., Santa Clara, CA	Metallurgy, industrial minerals
RTZ PLC	Kennecott Corp., Salt Lake City, UT	Extractive metallurgy of titanium minerals
Severn Trent	Stoner Associates, Houston, TX	Software, pipeline applications
Siebe	Foxboro Co., Foxboro, MA	Process control, factory automation
Siebe	Barber Colman, Loves Park, IL	Temperature controls, power controls
Siebe	Ranco/Paragon Electric, Two Rivers, WI	Timing devices, time controls, energy management
Siebe	Robertshaw Controls, Long Beach, CA	Gas, electric, pneumatic and hydraulic controls
Siebe	Environmental Controls, Richmond, VA	Electronic products
SmithKline Beecham	Animal Health, Lincoln, NE	Biotechnology: biologics, drugs for animals
SmithKline Beecham	SmithKline Beecham, Philadelphia, PA	Biotechnology, drugs
SmithKline Beecham	Animal Health, West Chester, PA	Biotechnology, animal nutrition diseases
SmithKline Beecham	Clinical Labs, Van Nuys, CA	Clinical testing of drugs
SmithKline Beecham	Consumer Brands, Parsippany, NJ	Proprietary medicines, oral hygiene
SmithKline Beecham	Pharmaceuticals R&D, King of Prussia, PA	Cadiovascular, gastrointestinal, etc. drugs
Smith & Nephew	Solopak Pharmaceuticals Elk Grove Village, IL	Medical and pharmaceutical fields
Smith & Nephew	Massillon, OH	Latex medical products
Smith & Nephew	Memphis, TN	Orthopedic implants and instruments
Smiths Inds.	Grand Rapids, MI	Avionics, missile guidance, military electronics
Smiths Inds.	Flexible Technologies, Abbeville, SC	Flexible hose: polymer-related materials
Staveley	Weigh-Tronix, Santa Rosa, CA	Electronic weight measurement systems
Staveley	Arnold Greene Testing Labs, Natick, MA	Metallurgy, chemical analysis, air/water pollution
Staveley	Conam Inspection, Sharon Hill, PA	Testing X ray, gamma ray, ultrasonics, etc.
TI Group	Dowty Aerospace, Yakima, WA	Hydraulic controls for aerospace
Tomkins	Smith & Wesson, Springfield, MA	Handguns
Twyford Intern'l	Twyford Plant Labs, Santa Paula, CA	Biotechnology
Unilever	Quest International Bioproducts Group Sarasota, FL	Biotechnology
United Biscuits	Keebler Co., Elmhurst, IL	Bakery and confectionary products
United Parts	AP Parts, Toledo, OH	Auto parts
USM Texon	Wilmington, MA	Latex, resin saturated fiber materials for footwear
Wassall	DAP Inc., Dayton, OH	Caulks, sealants, putty, adhesives
Whatman	Clifton, NJ	Thin layer chromatography products
Wellcome Foundation	Burroughs Wellcome, Research Triangle Park, NC	Biotechnology (1970)

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<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
Zeneca	ICI Seeds, Slater, IA	Biotechnology, hybrid seeds (1992)
Zeneca	ICI Biological Products, Wilmington, DE	Biotechnology, hybrid seeds
Zeneca	Cellmark Diagnostics, Germantown, MD	Biotechnology
Zeneca	Zeneca Pharmaceuticals, Wilmington, DE	Biomedical research, drugs, biotechnology
Zeneca	Wilmington, MA	Polymers and resins emulsion
Zeneca	Richmond Research Center, Richmond, CA	Agricultural chemicals, biotechnology
Zeneca	Zeneca Ag Products, Whitaker, NC	Agricultural chemicals
Zeneca	Wilmington, DE	Specialty chemicals
<b>Australia</b>		
Lincoln Scott	Honolulu, HI	Mechanical, electrical engineering
Pacific Dunlop	GNB, St. Paul, MN	Secondary production of lead, lead oxide
<b>Canada</b>		
Alcan	Cambridge Tech. Center, Cambridge, MA	Metals, alloys, ceramics
Canadian Marconi	Cincinnati Electronics, Cincinnati, OH	Military electronic systems
Moore	Research Center, Grand Island, NY	Printing equipment, business forms handling
Northern Telecom	BNR, Inc. Research Triangle Park, NC	Telecommunications network products (1987)
Northern Telecom	BNR, Mountain View, CA	PBX systems, digital central office
Northern Telecom	Richardson, TX	switching systems
Northern Telecom	Computer Consoles (formerly), Rochester, NY	Computer systems for offices & communications
Seagram	White Plains, NY	Alcoholic beverages, fermentation of maturation
<b>Hong Kong</b>		
Astec	Beckman Industries, Fullerton, CA	Electroceramics, thin film materials
<b>Israel</b>		
ELOP	Optronic Devices, Hauppauge, NY	Laser systems, night vision systems
Teva Pharmaceutical	Lemmon Co., Sellersville, PA	Drugs
<b>Korea</b>		
Daewoo	Santa Clara, CA	Computer research (1988)
LG Electronics	Goldstar Electronics, San Jose, CA	Semiconductors and DRAMs (1983)
LG Electronics	United Micro Tech, New Jersey	Semiconductors, PCs (1984)
LG Electronics	Phoenix, AZ	Advanced wireless telecomm equip. (1990)
LG Electronics	North American Lab, Chicago, IL	HDTV (1991)

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<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
LG Electronics	Zenith Electronics, Glenview, IL	Color TV, HDTV, picture tubes
LG Electronics	GSEA, San Diego, CA	Semiconductor technology surveys
Hyundai	Detroit, MI	Automotive (1986)
Hyundai	Los Angeles, CA	Auto design center (1989)
Hyundai Electronics	NCR-Microelectronics Products Fort Collins, CO	ASIC devices, communications ICs, VLSI fabrication (1994)
Hyundai Electronics	NCR-Microelectronics, Colorado Springs, CO	SCSI controllers, software drivers, (1994)
Hyundai Electronics	SEMR Research Institute, San Jose, CA	Semiconductor research
Hyundai Electronics	Maxtor, San Jose, CA	Hard disk drives (1995)
Hyundai Electronics	Maxtor, Longmont, CO	Hard disk and tape drives (1995)
Kia Motors	Detroit, MI	Automotive (1989)
Lucky	Lucky Biotech, Emeryville, CA	Genetic engineering, biotechnology
Samho Computer	California	Computer research (1989)
Samsung	Advanced Media Lab, Lawrence, NJ	HDTV (1988)
Samsung	Samsung Semiconductor, Santa Clara, CA	Semiconductor (256K DRAM) design (1983)
Samsung	US PC R&D Center, San Jose, CA	Next generation PCs (1990)
Samsung	Boston, MA	Computer research center (1988)
Samsung	Samsung Software, Andover, MA	Customized software development
Samsung	AST Research, Irvine, CA	Personal computers, peripherals (1995)
Samsung	Harris Semiconductor, Somerville, NJ	Semiconductors (1994)
Samsung	Harris Semiconductor Products Melbourne, FL	Integrated circuits, CMOS, PROMs (1994)
TAE IL Media	National Micronetics, Kingston, NY	Solid state ferrite tech., recording heads
Young-Chang Akki	Young-Chang Boston Research Institute Boston, MA	Synthetic sound, multimedia chips (1990)

## Netherlands Antilles

Fuel Tech	Stamford, CT	Combustion, energy transfer, emissions reduction
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## Singapore

Avimo	Wheeling, IL	Night vision optics
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## Taiwan

Acer	San Jose, CA	PCs, microcomputer terminals
Taiwan Lite-on	Lite-on Corp., Milpitas, CA	Optoelectronics for communications



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<i>Company</i>	<i>Location of Facility</i>	<i>R&amp;D Activities</i>
<b>Venezuela</b>		
Petroleos de Venezuela	Citgo Petroleum, Tulsa, OK	Fuel and lubricant products

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